

Specification Amendments

Please amend the paragraph at the top of page 10 as follows:

Another embodiment of the present invention is depicted in Fig. 2. Apparatus 100 is depicted and comprises five gas inlets 102a-102e, each of which is in fluid communication with a respective valve ~~1041~~ 104a-104e. Each of the gas inlets is disposed in wall 106 of apparatus 100 and is attached at inlet points 108a-108e, respectively. Wall 106 is one wall of manifold 110, which comprises five compartments 112a-112e, each corresponding to a respective gas inlet 102a-102e. Opposite wall 106 is outlet element 116. Each compartment comprises diffuser elements 114, namely, 114a-114e. As can be seen, each diffuser element is tapered from a respective gas inlet point to the outlet element adjacent the compartment where the tapered portion at the outlet element spans the width of the compartment of the manifold. In this way maximum diffusion of the gas entering the compartment is achieved. This combination of diffuser elements within the compartment of the manifold may be viewed as a diffuser nozzle. The compartments are separated within manifold 110 by means of walls 111.